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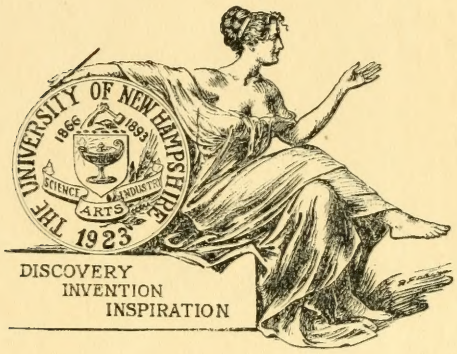

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Bulletin 184 *August, 1917*

NEW HAMPSHIRE
AGRICULTURAL EXPERIMENT STATION
DEPARTMENT OF CHEMISTRY

Analysis of Feeding Stuffs

MADE FOR THE

STATE DEPARTMENT OF AGRICULTURE

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BY B. E. CURRY AND T. O. SMITH

NEW HAMPSHIRE COLLEGE
OF
AGRICULTURE AND THE MECHANIC ARTS
DURHAM, N. H.

Feeding-Stuffs Inspection and Analyses, 1917.

The samples of the various brands of feeding-stuffs for the 1917 inspection were collected by Mr. A. G. Weeks, under the direction of Mr. A. L. Felker, Commissioner of Agriculture. Aside from duplicates, 302 samples were received and analyzed at the New Hampshire Experiment Station. Samples representing duplicates are not reported in this bulletin.

In this report a percentage valuation is given for the carbohydrates. The percentage of ash and moisture has been determined this year in addition to the determination of protein, fat and crude fiber which has been reported heretofore. The carbohydrate value includes the crude fiber as well as starches, sugar, etc. The crude fiber has a low digestibility and this should be kept in mind in making comparative or other valuations of a given sample of feed-stuff.

The percentage of carbohydrates is obtained by subtracting the sum of the percentage of protein, fat, ash, and moisture from 100 per cent.

A statement of the ingredients of the compounded feed-stuffs as certified by the manufacturers, will be found on pages 12 to 16.

Messrs. A. J. Grant, E. N. Sanders, F. A. Barker, H. C. Fogg, and P. B. Place have assisted in the preparation of the following data.

Copies of this report will be sent free upon request to the Director of the New Hampshire Experiment Station, Durham, N. H., or the Commissioner of Agriculture, Concord, N. H.

Name of Sample.	Manufactured by.	Address.	Protein.		Fat.		Carbo-hydrates.		Ash.		Moisture.		Crude Fibre.	
			Found.	Guaranteed.	Found.	Guaranteed.	Found.	Guaranteed.	Found.	Guaranteed.	Found.	Guaranteed.	Found.	Guaranteed.
WHEAT FEEDS.														
Middlings	Ansted & Burk Co.	Springfield, Ohio	14.98	15.00	4.19	5.00	65.83	58.00	4.25	....	10.75	....	....	5.50
Mixed Feed	Ansted & Burk Co.	Springfield, Ohio	15.40	14.00	4.22	4.50	65.34	56.00	5.44	....	9.60	....	8.17	8.50
Standard Wheat Middlings	Atlas Flour Mill	Milwaukee, Wis.	15.35	13.50	4.14	3.50	64.23	54.00	6.28	....	10.00	....	10.52	10.50
Bailey Fancy Feed	E. W. Bailey & Co.	Montpelier, Vt.	16.28	....	4.19	....	65.87	....	5.03	....	8.63	....	....	8.50
Pennant Pure Winter Bran	E. W. Bailey & Co.	Montpelier, Vt.	15.76	14.50	4.06	4.00	62.08	....	6.85	....	11.25	....	....	10.00
Golden Link Wheat Flour	Baldwin Flour Mills	Minneapolis, Minn.	17.69	14.50	5.10	4.00	58.46	....	9.91	....	8.84	....	....	12.00
Golden Link Wheat Bran Flour	Baldwin Flour Mills	Minneapolis, Minn.	17.12	16.50	5.19	5.00	62.09	....	4.62	....	10.98	....	3.05	7.00
Fancy Low Grade Flour	Barber Milling Co.	Minneapolis, Minn.	17.51	18.00	4.69	5.00	64.56	....	2.96	....	10.28	....	....	4.00
Pure Wheat Middlings	Barber Milling Co.	Minneapolis, Minn.	19.01	14.00	5.17	4.00	62.59	61.00	5.13	....	8.10	....	....	10.00
Ceretana Bran	Bozeman Milling Co.	Bozeman, Mont.	13.93	....	5.11	....	64.67	....	5.14	....	11.15	....	....	....
Pure Wheat Bran & Screenings	Bowersock Mills & Power Co.	Lawrence, Kas.	18.48	14.50	3.29	3.75	62.27	50.00	5.72	....	10.25	....	8.72	12.00
Wheat Standard Middlings	Cataract City Milling Co.	Niagara Falls, N. Y.	16.34	15.00	4.80	4.50	62.49	....	5.17	....	11.20	....	8.24	10.00
Matchless Pure Wheat Bran	L. Christian & Co.	Minneapolis, Minn.	14.45	15.00	4.82	4.00	64.64	....	6.40	....	9.69	....	10.37	10.00
Dudley Wheat Bran	Chas. M. Cox Co.	Boston, Mass.	14.89	15.50	4.71	....	61.87	....	5.74	....	12.79	....	12.83	9.00
Monogram Fancy Pure Wheat Bran	Chas. M. Cox Co.	Boston, Mass.	16.03	15.00	5.11	4.00	63.69	....	5.29	....	9.88	....	....	10.00
Wirthmore Middlings	Chas. M. Cox Co.	Boston, Mass.	16.10	14.50	5.01	4.00	63.83	50.00	4.32	....	10.74	....	6.87	7.00
Wirthmore Wheat Feed	Chas. M. Cox Co.	Boston, Mass.	15.76	16.00	4.05	4.00	63.62	....	4.99	....	11.58	....	8.00	7.00
Rob Roy Feed	Wm. A. Coombs Milling Co.	Coldwater, Mich.	15.76	15.00	4.92	3.00	64.95	54.00	4.74	....	9.63	....	....	9.00
Wheat Bran	Wm. A. Coombs Milling Co.	Coldwater, Mich.	14.42	14.00	3.82	3.00	65.87	....	6.60	....	9.26	....	....	10.00
Wheat Middlings	Wm. A. Coombs Milling Co.	Coldwater, Mich.	15.85	15.00	4.63	3.00	66.53	....	4.72	....	8.27	....	....	6.00
Tiger Middlings	Detroit Milling Co.	Detroit, Mich.	15.76	15.50	4.64	5.00	65.34	....	3.82	....	10.44	....	5.27	8.00
Boston Mixed Feed	Duluth Superior Milling Co.	Duluth, Minn.	15.76	15.00	4.43	4.25	64.16	....	5.14	....	10.51	....	9.00	9.75
Duluth Imperial Bran	Duluth Superior Milling Co.	Duluth, Minn.	14.45	14.50	5.42	3.75	64.49	....	5.75	....	9.89	....	10.21	12.25
Red Dog	Duluth Superior Milling Co.	Duluth, Minn.	17.50	16.75	5.45	4.25	36.83	....	3.17	....	10.05	....	3.15	3.00
Elmore's Milk Grains	Elmore Milling Co.	Oneonta, N. Y.	26.01	25.00	6.76	6.00	55.75	....	4.50	....	6.89	....	11.27	10.00
Dairy Maid Winter Wheat Middlings	Federal Milling Co.	Lockport, N. Y.	14.15	13.50	4.18	3.50	67.46	53.00	3.70	....	10.51	....	....	8.50
Lucky Spring Wheat Flour Middlings	Federal Milling Co.	Lockport, N. Y.	17.69	14.00	3.91	3.50	64.07	52.00	4.74	....	9.59	....	....	8.50
Improved Grafton Wheat Feed	Grafton Roller Mill Co.	Grafton, N. Dak.	15.60	15.04	5.60	4.50	64.85	....	4.45	....	10.50	....	8.13	9.30
Xtragood Mixed Feed	Griswold & Mackinnon	St. Johnsbury, Vt.	15.76	16.00	4.72	4.00	64.70	....	5.64	....	9.18	....	....	7.50
Gwinn's Dairy Feed	Gwinn Milling Co.	Columbus, Ohio	15.33	15.00	4.28	....	61.95	....	4.74	....	13.70	....	7.64	9.00
Gwinn's Red Dog Flour	Gwinn Milling Co.	Columbus, Ohio	16.99	....	4.04	....	65.73	....	2.76	....	10.48	....	2.64	....
Gwinn's Wheat Bran	Gwinn Milling Co.	Columbus, Ohio	14.63	15.00	3.83	....	65.69	....	6.25	....	9.60	....	10.32	10.00
Gwinn's Wheat Middlings	Gwinn Milling Co.	Columbus, Ohio	16.12	16.00	5.27	4.00	64.34	....	3.98	....	10.29	....	5.54	7.50

Name of Sample.	Manufactured by.	Address.	Protein.		Fat.		Carbohydrates.		Ash.		Moisture.		Crude Fibre.	
			Found.	Guaranteed.	Found.	Guaranteed.	Found.	Guaranteed.	Found.	Guaranteed.	Found.	Guaranteed.	Found.	Guaranteed.
WHEAT FEEDS.—*Continued.*														
Choice Wheat Bran	Hecker, Jones, Jewell Milling Co.	Buffalo, N. Y.	15.50	14.00	4.42	4.25	62.09	52.50	6.36	....	11.63	....	8.60	11.50
Fancy White Middlings	Hecker, Jones, Jewell Milling Co.	Buffalo, N. Y.	17.40	16.75	4.97	5.00	64.24	58.00	3.03	....	10.36	....	4.97	5.50
Mixed Feed	Hecker, Jones, Jewell Milling Co.	Buffalo, N. Y.	16.60	15.00	4.93	5.25	61.93	54.00	5.60	....	10.94	....	8.97	9.25
Standard Middlings	Hecker, Jones, Jewell Milling Co.	Buffalo, N. Y.	18.48	16.50	5.58	6.00	60.13	52.50	5.13	....	10.68	....	....	8.50
Dreadnought Extra Coarse Wheat Bran	Hunter, Robinson, Wenz Milling Co.	St. Louis, Mo.	15.50	15.50	3.67	4.00	65.47	50.00	7.07	....	8.29	....	....	11.00
Standard Fine Middlings	Hubbard Milling Co.	Mankato, Minn.	17.60	18.70	5.92	4.59	57.31	....	5.43	....	13.74	....	9.01	9.00
Anchor Pure Bran	Kemper Mill & Elevator Co.	Kansas City, Mo.	17.78	14.50	3.87	4.00	62.01	53.50	7.16	....	9.19	....	....	10.00
Carnation Gray Middlings	Kemper Mill & Elevator Co.	Kansas City, Mo.	17.86	16.00	4.24	4.30	60.76	56.25	5.32	....	11.82	....	....	8.00
Blue Tag Mixed Feed	F. W. Kelley Co.	St. Johnsbury, Vt.	16.20	16.00	4.77	4.00	65.04	....	5.43	....	8.56	....	....	7.50
Snow Flake Mixed Feed	Lawrenceberg Roller Mill Co.	Lawrenceberg, Ind.	15.76	15.20	4.54	4.30	64.60	....	6.04	....	9.05	....	9.86	8.00
Elmco Wheat Fancy Bran	Listman Mill Co.	Lacrosse, Wis.	15.50	14.88	3.88	4.20	65.83	....	4.64	....	10.15	....	9.11	11.22
Elmco Wheat Fancy White Middlings & Screenings	Listman Mill Co.	Lacrosse, Wis.	17.08	16.29	5.11	5.09	64.02	....	3.57	....	10.22	....	....	5.30
Elmco Wheat Red Dog Flour	Listman Mill Co.	Lacrosse, Wis.	15.85	15.91	4.35	3.94	67.89	....	2.52	....	9.39	....	....	2.08
Elmco Wheat Standard Middlings & Screenings	Listman Mill Co.	Lacrosse, Wis.	15.50	14.88	3.88	4.20	65.83	....	4.64	....	10.15	....	9.11	11.22
Fancy Canadian Middlings	Maple Leaf Milling Co. Limited	Toronto, Canada	16.29	16.00	5.63	5.50	62.18	....	4.80	....	11.10	....	7.99	10.00
Wheat Bran	Maple Leaf Milling Co. Limited	Toronto, Canada	15.76	15.50	4.97	....	60.89	....	5.12	....	13.26	....	....	12.00
Brooks Fancy Mixed Feed	A. H. McLeod Milling Co.	St. Johnsbury, Vt.	15.59	16.00	4.41	4.00	65.58	....	6.06	....	8.36	....	....	9.00
Bran	McQuesten & Lewis	Manchester, N. H.	14.58	....	3.39	....	65.51	....	5.44	....	11.08	....	9.15	....
Middlings	McQuesten & Lewis	Manchester, N. H.	14.54	....	4.53	....	66.19	....	2.82	....	11.92	....	....	....
Big B Mixed Feed	Moseley & Motley Milling Co.	Rochester, N. Y.	15.61	15.00	4.99	4.00	60.33	....	5.60	....	13.47	....	9.12	12.00
Highest Quality Pennant Feed	National Milling Co.	Toledo, Ohio	15.41	15.00	4.04	3.75	66.13	49.00	4.94	....	9.48	....	7.42	8.50
Choice Wheat Bran	Niagara Falls Milling Co.	Niagara Falls, N. Y.	15.15	12.00	4.98	3.00	64.13	....	5.91	....	9.83	....	10.17	13.00
Osota Feed	National Milling Co.	Toledo, Ohio	15.50	15.00	4.82	4.50	65.39	....	4.12	....	10.17	....	7.92	10.00
Planet Feed	Northwestern Consol. Milling Co.	Minneapolis, Minn.	17.51	15.00	4.86	4.00	60.02	55.00	5.35	....	8.66	....	....	8.00
Pure Wheat Bran	Northwestern Consol. Milling Co.	Minneapolis, Minn.	14.54	14.50	4.73	4.00	64.14	50.00	6.26	....	10.33	....	....	11.00
Wheat Flour Middlings	Northwestern Consol. Milling Co.	Minneapolis, Minn.	16.73	15.50	5.12	4.50	64.26	57.00	4.47	....	9.42	....	....	6.00
Wheat Mixed Feed	Northwestern Consol. Milling Co.	Minneapolis, Minn.	15.76	15.00	4.53	4.50	63.59	53.00	5.37	....	10.75	....	....	10.00
Wheat Standard Middlings	Northwestern Consol. Milling Co.	Minneapolis, Minn.	16.03	15.00	4.88	4.50	64.85	53.00	5.00	....	9.24	....	9.25	11.00
XXX Comet Pure Wheat Product	Northwestern Consol. Milling Co.	Minneapolis, Minn.	18.39	16.50	4.63	4.00	63.78	....	3.20	....	10.00	....	....	3.00
Wheat Middlings	Ogilvie Flour Mills Co., Ltd.	Montreal, Canada	16.85	15.00	4.81	5.00	63.86	....	3.83	....	10.65	....	7.00	8.00
Hominy Feed	Patent Cereals Co.	Geneva, N. Y.	11.64	10.00	5.82	6.00	70.62	....	2.50	....	9.42	....	4.49	5.00
Pillsbury's Durum Wheat Bran	Pillsbury Milling Co.	Minneapolis, Minn.	13.49	11.00	5.16	4.00	66.96	53.00	5.32	....	9.07	....	....	14.00
Pillsbury's Durum Wheat Standard B. Middlings	Pillsbury Milling Co.	Minneapolis, Minn.	15.11	12.50	6.83	4.00	64.34	54.00	5.21	....	8.51	....	....	11.00

WHEAT FEEDS.—*Continued.*															
Pillsbury's Fancy Mixed Feed	Pillsbury Milling Co	Minneapolis, Minn	15.94	14.00	4.23	4.00	61.33	53.00	4.96	....	13.54	....	9.80	10.00
Pillsbury's Wheat A. Middlings	Pillsbury Milling Co	Minneapolis, Minn	16.90	15.00	5.21	4.50	66.20	55.00	4.59	....	7.10	....	....	7.00
Pillsbury's Wheat Bran	Pillsbury Milling Co	Minneapolis, Minn	14.80	13.00	4.26	4.00	62.82	50.00	6.82	....	11.30	....	10.81	13.00
Pillsbury's Wheat Standard B. Middlings	Pillsbury Milling Co	Minneapolis, Minn	16.46	14.00	4.88	4.00	62.88	52.00	5.82	....	9.96	....	8.37	11.00
Pillsbury's XX Daisy	Pillsbury Milling Co	Minneapolis, Minn	17.60	16.00	3.69	4.00	65.05	60.00	3.02	....	10.64	....	4.10	4.00
Champion Mixed Feed	Pillsbury Milling Co	Minneapolis, Minn	14.66	13.56	4.11	3.58	66.64	59.54	5.51	....	9.08	....	....	8.47
Bran (Winter)	Quaker City Flour Mills Co	Philadelphia, Pa	14.01	13.00	3.02	3.00	65.37	50.00	6.83	....	10.77	....	10.67	10.50
Buckeye Feed	Quaker Oats Co	Chicago, Ill	15.68	15.50	5.19	4.50	63.89	55.00	5.11	....	10.13	....	8.71	8.50
Middlings	A. H. Randall Mill Co	Tekousha, Mich	15.06	14.00	4.76	3.50	65.95	....	4.96	....	9.27	....	5.18	6.00
Richardson Mixed Feed	Richardson Roller Mills	Richardson, N. Dak.	15.59	16.70	4.07	3.70	65.41	....	5.00	....	9.93	....	6.58	9.20
Four Middlings	Russell-Miller Milling Co	Minneapolis, Minn	17.08	15.00	4.66	5.00	64.43	....	3.37	....	10.46	....	5.50	6.00
Occident Wheat Feed	Russell-Miller Milling Co	Minneapolis, Minn	16.00	15.00	5.43	4.50	63.41	....	4.72	....	10.44	....	9.28	10.00
Standard Middlings	Russell-Miller Milling Co	Minneapolis, Minn	16.46	15.00	5.76	4.00	63.62	....	4.50	....	9.66	....	8.00	9.00
Gold Mine Feed	Sheffield King Milling Co.	Minneapolis, Minn	15.76	15.00	4.82	4.50	63.50	....	5.06	....	10.90	....	9.00	9.90
Shredded Wheat Waste	Shredded Wheat Co.	Niagara Falls, N. Y	11.21	10.00	2.62	1.50	76.88	....	1.84	....	7.45	....	....	2.00
Wheat Screenings	Shredded Wheat Co.	Niagara Falls, N. Y	13.31	12.90	2.62	2.26	68.60	....	2.80	....	12.67	....	4.56	3.93
Pure Wheat Bran	Southwestern Milling Co., Inc.		17.43	17.00	3.27	3.50	61.41	46.50	6.90	....	10.99	....	....	10.60
Try-Me Winter Mixed Feed	Sparks Milling Co	Alton, Ill	16.99	16.00	4.35	3.50	63.01	50.00	5.25	....	10.40	....	7.15	8.00
Wheat Middlings	Sleepy Eye Flour Mill Co	Minneapolis, Minn	15.68	16.50	4.59	4.50	66.84	52.00	4.87	....	8.02	....	....	9.50
Bran	F. W. Stock & Sons	Hillsdale, Mich	14.71	14.00	3.87	3.00	64.38	....	6.27	....	10.87	....	....	10.00
Middlings	F. W. Stock & Sons	Hillsdale, Mich	16.56	16.50	4.98	4.00	65.47	....	5.04	....	7.95	....	....	6.00
Stag Flour	David Stott Flour Mills, Inc.	Detroit, Mich	14.36	14.00	2.97	3.00	69.64	67.00	1.93	....	11.10	....	2.00	2.00
Stott's Fine White Middlings	David Stott Flour Mills, Inc.	Detroit, Mich	15.33	15.00	4.77	4.50	66.08	60.00	3.35	....	10.47	....	4.87	6.00
Stott's Heavy Mixed Wheat Feed	David Stott Flour Mills, Inc.	Detroit, Mich	14.89	16.00	3.94	4.00	62.17	....	5.78	....	13.22	....	....	9.00
Stott's Honest Mixed Feed	David Stott Flour Mills, Inc.	Detroit, Mich	15.41	15.50	4.47	4.50	54.48	52.50	4.90	....	10.74	....	....	8.00
Stott's Pure Winter Wheat Bran	David Stott Flour Mills, Inc.	Detroit, Mich	15.22	14.00	3.92	4.50	63.38	51.50	6.55	....	10.93	....	....	10.50
Spring Wheat Bran & Wheat Screenings	David Stott Flour Mills, Inc.	Detroit, Mich	14.45	14.00	4.13	4.00	64.79	50.00	5.83	....	10.80	....	8.36	10.50
Stott's Winner Feed	David Stott Flour Mills, Inc.	Detroit, Mich	10.42	10.50	5.23	5.00	72.38	62.00	2.73	....	9.24	....	7.82	8.50
Stratton & Co.'s Fancy Bran	Stratton & Co	Concord, N. H	15.10	15.00	4.25	4.00	64.63	....	5.61	....	10.42	....	9.00	11.90
Stratton & Co.'s Middlings	Stratton & Co	Concord, N. H	16.29	16.20	4.40	4.26	66.58	....	2.98	....	9.75	....	4.64	6.50
Stratton & Co.'s Mixed Feed	Stratton & Co	Concord, N. H	18.10	15.87	4.87	4.92	63.61	....	4.21	....	9.21	....	7.09	9.12
Wheat Bran	Tennant & Hoyt Co	Lake City, Minn	14.89	14.00	4.46	4.00	60.90	....	5.74	....	14.01	....	10.44	11.00
Angelus Wheat Bran	Thompson Milling Co	Lockport, N. Y	15.24	13.00	4.22	4.00	64.55	....	6.55	....	9.44	....	....	14.00
Angelus Wheat Middlings	Thompson Milling Co	Lockport, N. Y	16.46	13.00	4.76	4.00	65.36	....	3.75	....	9.67	....	....	14.00
Angelus Wheat Mixed Feed	Thompson Milling Co	Lockport, N. Y	15.94	13.00	4.10	4.00	65.46	....	4.95	....	9.49	....	....	14.00
T. & C. Wheat Mixed Feed	Thornton & Chester Milling Co.	Buffalo, N. Y	15.15	14.00	5.38	4.50	64.27	....	5.40	....	9.80	....	....	11.00
Wheat Bran	George Urban Milling Co	Buffalo, N. Y	15.50	14.00	3.90	3.50	63.28	....	6.25	....	11.07	....	10.59	12.50
Wheat Middlings	George Urban Milling Co	Buffalo, N. Y	16.73	16.00	5.11	4.50	64.94	....	4.71	....	8.51	....	....	9.50
Victor Spring Wheat Bran	Victor Milling Co	Victor, N. Y	14.80	14.60	5.02	4.00	64.75	51.00	5.98	....	9.45	....	....	15.00
Victor Spring Wheat Middlings	Victor Milling Co	Victor, N. Y	18.39	17.50	6.07	5.00	60.02	48.00	4.54	....	10.98	....	....	10.00
Victor Spring Wheat Mixed Feed	Victor Milling Co	Victor, N. Y	15.24	15.00	5.74	4.50	63.93	....	4.90	....	10.19	....	....	10.00
Pure Crescent Bran	Voigt Milling Co	Grand Rapids, Mich	16.55	14.00	4.66	4.00	63.83	50.00	4.72	....	10.24	....	....	11.00
Pure Crescent Middlings	Voigt Milling Co	Grand Rapids, Mich	15.85	14.50	3.41	3.50	64.69	....	4.47	....	11.58	....	....	10.00
Voigt's Pure Bran	Voigt Milling Co	Grand Rapids, Mich	14.19	15.00	3.23	3.50	66.35	....	6.06	....	10.11	....	....	11.00
Voigt's Pure Cow Feed	Voigt Milling Co	Grand Rapids, Mich	14.08	14.00	3.60	3.50	65.98	....	4.96	....	11.38	....	7.99	10.00
Mill Run Bran Mixed Feed	Waggoner-Gates Milling Co	Independence, Mo	16.50	15.50	4.01	4.00	65.48	50.00	5.57	....	8.44	....	8.08	10.00

Name of Sample.	Manufactured by.	Address.	Protein.		Fat.		Carbohydrates.		Ash.		Moisture.		Fibre. Crude	
			Found.	Guaranteed.	Found.	Guaranteed.	Found.	Guaranteed.	Found.	Guaranteed.	Found.	Guaranteed.	Found.	Guaranteed.
WHEAT FEEDS.—*Continued.*														
Washburn-Crosby Co.'s Adrian Red Dog Flour	Washburn-Crosby Co	Minneapolis, Minn.	17.34	16.00	5.25	4.00	64.52	60.00	3.51	....	9.37	....	3.50	4.00
Washburn-Crosby Co.'s Pure Rye Middlings	Washburn-Crosby Co	Minneapolis, Minn.	15.68	14.00	3.63	3.00	65.44	60.00	4.15	....	11.10	....	....	6.00
Washburn-Crosby Co.'s Wheat Bran	Washburn-Crosby Co	Minneapolis, Minn.	14.70	14.50	5.30	4.00	64.54	50.00	6.10	....	9.36	....	10.81	12.00
Washburn-Crosby Co.'s Wheat Bran	Washburn-Crosby Co	Minneapolis, Minn.	13.84	13.00	4.10	4.00	64.24	50.00	7.06	....	10.76	....	11.21	13.00
Washburn-Crosby Co.'s Wheat Standard Middlings	Washburn-Crosby Co	Minneapolis, Minn.	16.20	14.00	5.20	4.00	62.48	52.00	5.50	....	10.62	....	8.50	11.00
Blue Seal Wheat Feed	H. K. Webster Co	Lawrence, Mass.	15.94	16.00	4.73	4.00	63.15	....	5.42	....	10.76	....	8.86	7.00
Spring Wheat Bran	Western Canada Flour Mills Co.	Davenport, Iowa	17.08	14.50	5.63	4.00	65.00	....	5.25	....	7.04	....	7.99	11.00
Hammond Dairy Feed	Western Grain Products Co.	Hammond, Ind.	16.38	16.50	4.61	3.50	57.64	48.00	9.03	....	12.34	....	14.26	12.00
COTTON SEED MEALS.														
Dove Brand Prime Cotton Seed Meal	F. W. Brode & Co	Memphis, Tenn	39.67	38.63	8.02	6.00	36.54	22.00	5.77	....	10.00	....	....	10.00
Buckeye Good Cotton Seed Meal	Buckeye Cotton Oil Co	Cincinnati, Ohio	37.39	36.00	7.49	5.00	41.29	30.00	6.89	....	6.94	....	....	14.00
Buckeye Prime Cotton Seed Meal	Buckeye Cotton Oil Co	Cincinnati, Ohio	39.49	38.62	6.94	6.00	42.89	....	5.36	....	5.32	....	....	12.00
The Veribest Brand Cotton Seed Meal	S. P. Davis	Little Rock, Ark.	41.42	38.50	5.90	6.00	40.05	....	5.97	....	6.66	....	....	10.00
East St. Louis Brand Cotton Seed Meal	East St. Louis Cotton Oil Co.	Nat. Stock Yards, Ill.	38.35	38.50	7.65	6.00	39.47	....	6.46	....	8.07	....	....	12.00
Cotton Seed Meal	(Sold by) Farmington Cash Store	Farmington, N. H.	31.44	....	7.56	....	48.91	....	5.63	....	6.46	....	....	....
Bull Brand Cotton Seed Meal	Humphreys-Godwin Co.	Memphis, Tenn.	40.11	41.00	6.57	6.00	37.70	26.00	6.46	....	9.16	....	9.90	10.00
Danish Brand Cotton Seed Meal	Humphreys-Godwin Co.	Memphis, Tenn.	35.81	36.00	7.24	5.00	43.38	20.00	6.44	....	7.13	....	....	15.00
Dixie Brand Cotton Seed Meal	Humphreys-Godwin Co.	Memphis, Tenn.	38.61	38.62	7.71	6.00	37.78	24.00	5.95	....	9.95	....	....	12.00
Forfat Brand Cotton Seed Meal	Humphreys-Godwin Co.	Memphis, Tenn.	36.08	38.55	6.27	6.00	43.07	24.00	6.23	....	8.35	....	....	12.00
Cotton Seed Meal	(Sold by) C. S. Langley & Son	Durham, N. H.	35.55	....	7.26	....	42.64	....	5.67	....	8.88	....	15.01	....
Kineda Prime Cotton Seed Meal	J. M. MacDonald	1914 Union Central Bldg., Cincinnati, O.	39.49	38.60	6.78	6.00	40.94	22.00	4.71	....	8.08	....	12.60	12.00
Dirigo Brand Cotton Seed Meal	W. Newton Smith	Baltimore, Md.	31.09	38.50	5.60	7.00	50.02	....	5.93	....	7.36	....	....	10.50
Pilgrim Cotton Seed Meal	J. E. Soper Co	Boston Mass.	40.02	38.50	9.04	5.00	36.87	....	6.56	....	7.51	....	....	10.00
Pioneer Cotton Seed Meal	J. E. Soper Co	Boston Mass.	41.86	41.00	7.10	7.00	36.57	....	5.89	....	8.58	....	....	10.00
Puritan Cotton Seed Meal	J. E. Soper Co	Boston Mass.	36.10	36.00	5.60	5.00	44.85	30.00	6.68	....	6.77	....	....	15.00
Number 7 Cotton Seed Feed Meal	Union Seed & Fert. Co	New York, 27 Beaver St.	34.85	36.00	6.36	5.50	44.85	26.00	5.32	....	8.62	....	....	14.00
Security Brand Cotton Seed Meal	Union Seed & Fert. Co	Pine Bluff, Ark.	36.42	36.00	6.61	5.50	41.96	27.00	6.52	....	8.48	....	....	14.00
American Red Tag Cotton Seed Meal	Union Seed & Fert. Co	Argenta, Ark.	38.80	38.55	5.88	7.00	42.58	....	5.38	....	7.36	....	12.00	11.50
Jersey Brand Cotton Seed Meal	Lanier Bros.	Nashville, Tenn.	39.84	38.62	9.44	6.00	37.64	22.00	6.07	....	7.01	....	....	10.00

HOMINY FEEDS.													
Homco Hominy Feed	American Hominy Co.	Indianapolis, Ind.	11.91	10.00	6.70	6.00	72.20	....	2.14	7.05	....	....	7.00
Spring Garden Brand Hominy Feed	Baltimore Pearl Hominy Co.	Baltimore, Md.	11.21	10.00	6.54	6.00	69.72	....	2.88	9.65	....	....	6.00
Hominy Feed	Baltimore Pearl Hominy Co.	Baltimore, Md.	11.47	10.00	5.88	7.00	68.60	....	3.31	10.74	....	4.94	5.00
Hominy Feed	Baltimore Pearl Hominy Co.	Baltimore, Md.	10.67	10.00	8.65	6.00	63.31	60.00	8.00	9.37	....	6.15	8.00
Bufceco Hominy Feed	Buffalo Cereal Co.	Buffalo, N. Y.	11.12	10.00	7.23	6.00	69.61	....	2.97	9.07	....	....	5.00
Paragon Hominy Meal	Chas. M. Cox Co.	Boston, Mass.	11.32	9.50	7.50	7.50	69.11	60.00	3.42	8.65	....	6.70	7.00
Choice Steam Cooked Hominy Feed	Miner-Hillard Milling Co.	Wilkes-Barre, Pa.	10.55	10.00	5.41	5.00	70.29	....	2.31	11.44	....	....	5.00
Hominy Feed	Quaker Oats Co.	Chicago, Ill.	10.24	9.50	7.19	7.00	69.45	....	2.68	10.44	....	....	....
Blue Ribbon Hominy Chop	J. E. Soper Co.	Boston, Mass.	11.07	10.00	5.76	6.00	70.75	....	2.73	9.69	....	6.37	5.00
MOLASSES FEEDS.													
Sucrene Dairy Feed	American Milling Co.	Peoria, Ill.	20.14	16.50	6.25	3.50	56.68	46.00	8.76	8.17	....	16.21	12.00
Clover Leaf Dairy Feed	Clover Leaf Milling Co.	Buffalo, N. Y.	15.05	13.50	4.54	4.00	63.26	50.00	7.97	9.19	....	13.24	15.00
Corno Sweet Feed	Corno Mills Co.	St. Louis, Mo.	12.34	10.00	2.51	2.50	68.06	55.00	6.22	10.87	....	14.03	15.00
International Special Dairy Feed	International Sugar Feed Co.	Minneapolis, Minn.	15.06	15.00	6.03	4.50	55.41	50.00	9.03	14.47	....	16.45	12.00
International Special Dan Patch Horse Feed	International Sugar Feed Co.	Minneapolis, Minn.	10.86	9.00	4.10	3.00	68.47	65.00	5.28	11.29	....	12.65	15.00
Park & Pollard Co. Horse Feed	Park & Pollard Co.	Boston, Mass.	11.91	9.00	2.21	1.50	67.10	55.00	5.58	13.20	....	12.76	12.00
Quaker Dairy Feed with Molasses	Quaker Oats Co.	Chicago, Ill.	17.16	16.00	5.74	4.00	60.29	50.00	6.08	10.73	....	15.93	14.50
Purina Cow Chow Feed	Ralston Purina Co., Inc.	St. Louis & Buffalo.	24.78	24.00	4.19	5.00	51.25	52.00	5.78	7.93	....	14.00	12.00
Purina Feed with Molasses	Ralston Purina Co., Inc.	St. Louis & Buffalo.	9.72	9.30	2.04	1.70	71.39	....	6.33	10.52	....	8.35	11.70
Purina O-Molene Feed	Ralston Purina Co., Inc.	St. Louis & Buffalo.	9.89	9.70	3.09	3.20	70.26	67.00	4.90	11.86	....	7.20	8.00
Purina Sweet Feed	Ralston Purina Co., Inc.	St. Louis & Buffalo.	9.98	9.00	1.31	1.00	67.28	48.00	9.05	12.38	....	24.97	18.00
Xtra-Vim Feed	Xtravim Molasses Feed Co.	Boston, Mass.	4.97	4.60	1.33	6.00	68.29	61.00	5.45	19.96	....	5.37	5.20
POULTRY FEEDS.													
Globe Egg Mash	The Albert Dickinson Co.	Chicago, Ill.	15.54	15.00	4.47	3.00	66.70	55.00	4.46	8.83	....	10.39	10.00
Queen Poultry Mash	The Albert Dickinson Co.	Chicago, Ill.	13.66	11.00	4.58	2.50	68.38	60.00	4.20	9.18	....	8.46	10.00
Blatchford's Milk Mash	Blatchford Calf Meal Factory.	Waukegan, Ill.	21.80	20.00	4.49	4.00	51.02	52.00	12.78	9.91	....	6.17	7.50
Bufceco Poultry Mash	Buffalo Cereal Co.	Buffalo, N. Y.	15.85	15.00	4.25	4.00	65.89	62.00	3.81	10.20	....	5.80	5.00
Wirthmore Growing Feed (with scraps)	Chas. M. Cox Co.	Boston, Mass.	16.33	15.00	3.86	4.50	63.66	....	5.52	10.73	....	5.55	4.50
Wirthmore Poultry Mash (all grain)	Chas. M. Cox Co.	Boston, Mass.	14.10	12.00	3.36	3.00	69.33	....	4.04	9.17	....	9.77	9.50
Wirthmore Poultry Mash (fish & scrap)	Chas. M. Cox Co.	Boston, Mass.	20.14	17.00	3.62	4.00	59.36	....	6.83	10.05	....	7.54	9.50
E. A. Cowen's Climax Poultry Mash	E. A. Cowen Est.	Worcester, Mass.	20.49	20.00	4.38	3.50	58.21	....	9.42	7.50	....	....	10.00
Laying Mash for More Eggs	John W. Echelman	Lancaster, Pa.	21.40	20.00	4.72	5.00	49.94	....	12.32	11.62	....	5.89	7.00
Hen-E-Ta	Hen-E-Ta Bone Co.	Blairsville, Pa., etc.	....	....	....	....	....	....	98.8	....	....	....	....
Hen-O-La, Dry Mash	Hen-E-Ta Bone Co.	Newark, N. J., etc.	11.12	....	3.28	....	57.47	....	20.52	7.61	....	5.65	4.00
Purity H. Poultry Mash	Wm. S. Hills Co.	Boston, Mass.	17.86	16.00	5.32	3.00	64.90	....	5.92	6.00	....	....	10.00
Poultry Mash	McQuesten & Lewis	Manchester, N. H.	18.65	11.00	4.10	2.50	60.06	60.00	7.48	9.71	....	12.64	7.00
Growing Feed	Park & Pollard Co.	Boston, Mass.	16.38	10.00	3.59	1.50	61.28	50.00	8.31	10.44	....	4.86	8.00
Lay or Bust Dry Mash	Park & Pollard Co.	Boston, Mass.	21.10	18.00	4.22	1.50	55.43	40.00	9.80	9.45	....	8.89	12.00
American Poultry Feed	The Quaker Oats Co.	Chicago, Ill.	12.87	12.00	4.65	3.50	69.31	62.00	3.24	9.93	....	4.75	9.00

Name of Sample.	Manufactured by.	Address.	Protein.		Fat.		Carbohydrates.		Ash.		Moisture.		Fibre. Crude	
			Found.	Guaranteed.	Found.	Guaranteed.	Found.	Guaranteed.	Found.	Guaranteed.	Found.	Guaranteed.	Found.	Guaranteed.
POULTRY FEEDS.—*Continued.*														
Schumacher Poultry Mash	The Quaker Oats Co	Chicago, Ill.	18.00	17.50	4.68	4.00	61.10	52.00	5.54	....	10.68	....	9.47	10.00
Purina Chicken Chowder Feed	Ralston Purina Co., Inc	St. Louis & Buffalo	19.96	19.00	5.48	4.00	58.70	56.00	7.70	....	8.16	....	12.00	9.00
Stratton & Co.'s Egg Mash	Stratton & Co	Concord, N. H.	16.73	15.00	4.94	3.00	61.68	55.00	5.22	....	11.43	....	8.15	10.00
Stratton & Co.'s H. Poultry Mash	Stratton & Co	Concord, N. H.	19.18	16.00	6.90	....	59.15	....	6.82	....	7.95	....	....	....
Dry Mash for Poultry	H. K. Webster Co	Lawrence, Mass.	16.73	20.00	4.33	3.00	61.91	....	18.16	....	8.87	....	6.14	10.00
DAIRY FEEDS.														
Empire State Dairy Feed	American Milling Co	Peoria, Ill.	31.88	30.00	11.45	12.00	50.22	30.00	1.56	....	4.89	....	13.75	14.00
Lactola Dairy Feed	Chapin & Co	Hammond, Ind.	17.08	16.50	5.47	3.00	58.37	50.00	6.02	....	13.06	....	11.67	12.00
Unicorn Dairy Ration	Chapin & Co	Hammond, Ind.	27.67	26.00	7.36	5.50	52.06	50.00	4.96	....	7.95	....	14.05	10.00
Wirthmore Bal. Ration for Milch Cows	Chas. M. Cox Co	Boston, Mass.	24.52	25.50	5.16	5.20	56.85	....	4.59	....	8.88	....	10.93	9.50
Crosby's Ready Ration	E. Crosby & Co	Brattleboro, Vt.	24.93	25.00	6.90	7.00	57.44	50.00	4.73	....	6.00	....	12.11	9.00
H. & S. Horse, Mule & Dairy Feed	Dwight E. Hamlin	Pittsburgh, Pa	16.33	....	4.34	....	62.94	....	6.70	....	9.69	....	12.41	....
Larro Feed	The Larrowe Milling Co	Detroit, Mich.	20.93	20.00	3.60	3.00	60.08	50.00	4.01	3.00	11.38	....	13.40	14.00
The H. O. Co.'s Algrane Milk Feed	H. O. Mills	Buffalo, N. Y.	17.00	14.00	3.86	4.00	64.76	....	5.81	....	8.57	....	14.42	10.00
Stevens 44 Dairy Ration	Oswego Mill Co. (by) The Park & Pollard Co	Boston, Mass.	24.80	24.00	7.40	5.00	53.36	....	5.75	....	8.69	....	12.67	14.00
Protena Dairy Feed	Ralston Purina Co., Inc	St. Louis & Buffalo	14.80	....	4.35	....	61.88	....	8.00	....	10.97	....	14.02	....
R-E-A-L a bal. Ration for Dairy Cows	F. B. Spaulding Co	Lancaster, N. H.	24.69	24.00	5.97	6.00	56.27	50.00	4.63	....	8.44	....	9.97	6.00
Union Grains (Ubico) Biles Ready Dairy Ration	The Ubico Milling Co	Cincinnati, Ohio	25.04	24.00	7.64	7.00	53.24	50.00	5.84	....	8.24	....	10.15	9.00
MISCELLANEOUS COMPOUNDED FEEDS.														
Portage Stock Feed	The Akron Feed & Milling Co	Akron, Ohio	9.19	10.00	4.90	4.00	73.17	....	3.82	....	8.92	....	12.65	10.00
Pennant Stock Feed	E. W. Bailey & Co	Swanton, Vt.	11.60	10.00	5.88	6.50	69.15	....	3.94	....	9.43	....	9.56	10.00
Bufceco Stock Feed	Buffalo Cereal Co	Buffalo, N. Y.	10.61	10.00	5.03	5.00	72.67	....	4.53	....	7.16	....	13.79	10.00
Bufceco Horse Feed	Buffalo Cereal Co	Buffalo, N. Y.	11.30	11.00	4.00	4.00	72.02	....	3.52	....	9.16	....	11.22	9.00
Corno Stock Feed	Corno Mills Co	St. Louis, Mo.	8 84	9.00	6.57	3.50	69.64	60.00	4.17	....	10.78	....	12.97	10.00
Charlestock Feed	Chas. M. Cox Co	Boston, Mass.	9.54	6.00	5.57	3.00	72.17	....	3.94	....	8.78	....	13.75	16.00
Wirthmore Stock Feed	Chas. M. Cox Co	Boston, Mass.	10.68	9.00	5.32	4.00	71.57	60.00	4.43	....	8.00	....	9.80	9.50
Crosby's Stock Food	E. Crosby & Co	Brattleboro, Vt.	10.16	9.00	5.13	4.00	72.37	60.00	3.67	....	8.67	....	12.32	10.00
Quality Stock Feed	J. Cushing & Co	Fitchburg, Mass.	9.19	9.00	7.80	6.00	73.33	61.00	3.36	....	6.32	....	9.07	9.00
Stock Feed	John W. Eschelman	Lancaster, Pa.	10.68	10.00	4.49	3.00	....	69.75	4.90	....	10.18	....	10.39	9.00
Grandin's Stock Food	D. H. Grandin Milling Co	Jamestown, N. Y.	9.37	8.50	6.40	4.00	70.57	50.00	3.76	....	9.90	....	11.30	13.00
Haskell's Stock Feed	W. H. Haskell & Co	Toledo, Ohio	10.94	9.00	6.67	6.00	69.85	61.00	3.38	....	9.16	....	9.42	9.00

MISCEL. FEEDS.—*Continued.*														
Holstein Feed	Indiana Milling Co.	Terre Haute, Ind.	12.08	12.00	3.59	3.00	69.69	....	5.07	....	9.57	....	17.66	16.00
Sterling Feed	Indiana Milling Co.	Terre Haute, Ind.	9.89	10.00	2.96	3.00	72.51	....	4.74	....	9.90	....	16.15	16.00
The H. O. Co.'s New England Stock Feed	H. O. Mills	Buffalo, N. Y.	10.51	9.00	4.66	4.00	73.25	....	5.16	....	6.42	....	11.38	10.00
The Park & Pollard Co. Stock Feed	The Park & Pollard Co.	Boston, Mass.	9.15	9.00	3.47	1.50	73.72	....	2.65	....	11.01	....	11.41	12.00
Schumacher Stock Feed	The Quaker Oats Co.	Chicago, Ill.	10.24	10.00	3.81	3.25	72.83	62.00	3.72	....	9.40	....	12.44	10.00
Victor Feed	The Quaker Oats Co.	Chicago, Ill.	9.54	8.00	3.32	3.00	74.22	....	3.11	....	9.81	....	11.17	12.00
White Diamond Feed	The Quaker Oats Co.	Chicago, Ill.	9.49	8.00	2.28	3.25	74.00	62.00	2.51	....	11.72	....	9.21	9.00
Blue Grass Valley Feed	A. Waller & Co.	Henderson, Ky.	10.51	9.00	2.38	2.00	71.77	....	4.00	....	11.34	....	17.22	17.00
ALFALFA AND CLOVER MEALS.														
Banner Brand Cut Clover	Joseph Breck & Sons Corp.	Boston, Mass.	8.14	7.91	2.16	3.36	73.86	....	7.41	....	8.43	....	....	29.84
Alfalfa Meal	The Denver Alfalfa Milling & Products Co.		16.50	....	1.50	....	65.33	....	9.00	....	7.67	....	32.00	35.00
Alfalfa Meal	The Albert Dickinson Co.	Chicago, Ill.	15.41	12.00	2.06	1.00	63.94	35.00	8.92	....	9.67	....	....	35.00
Pure Alfalfa Meal	National Feed Co.	St. Louis, Mo.	15.54	14.00	2.43	1.25	65.35	....	8.35	....	8.33	....	29.55	33.00
Alfalfa	The Park & Pollard Co.	Boston, Mass.	14.28	12.00	2.08	15.00	67.92	....	9.71	....	6.01	....	....	30.00
Red Star Brand Alfalfa Meal	Somers & Co., 240 Cal. St.	San Francisco, Cal.	16.90	15.00	2.73	1.40	67.35	....	5.75	....	7.27	....	....	29.50
Otto Weiss Alfalfa Meal	The Otto Weiss Alfalfa Stock Food Co.	Wichita, Kas.	14.30	14.00	1.80	1.50	67.04	35.00	8.29	....	8.57	....	33.71	30.00
CALF MEALS.														
Blatchford's Calf Meal	Blatchford Calf Meal Factory	Waukegan, Ill.	24.37	24.00	5.55	5.00	54.54	51.00	5.48	....	10.19	....	6.18	6.75
Schumacher Calf Meal	Chicago, Ill.	Chicago, Ill.	20.14	19.00	7.98	8.00	59.21	....	4.14	....	8.53	....	....	3.00
Ryde's Cream Calf Meal	Ryde & Co.	Chicago, Ill.	23.03	25.00	4.97	5.00	55.54	....	5.69	....	10.77	....	8.64	6.00
DRIED BEET PULP.														
Dried Beet Pulp	The Larrowe Milling Co.	Detroit, Mich.	10.61	8.00	0.43	0.50	80.05	58.00	2.97	....	5.94	....	18.97	20.00
Dried Beet Pulp	Menominee River Sugar Co.	Menominee, Mich.	7.62	8.00	0.41	0.50	80.25	58.00	2.12	2.50	9.60	....	19.19	20.00
Dried Beet Pulp	West Bay City Sugar Co.	Bay City, Mich.	9.72	8.00	0.33	0.50	83.19	....	3.25	2.50	3.51	....	....	20.00
Dried Beet Pulp	Chas. Pope	Chicago, Ill.	9.10	8.00	0.89	0.50	68.25	50.00	4.61	....	9.11	....	19.52	20.00
Dried Beet Pulp	Michigan Sugar Co.	Saginaw, Mich.	9.72	8.00	0.97	0.50	77.55	58.00	3.61	2.50	8.15	....	....	20.00
Dried Beet Pulp	Michigan Sugar Co.	Sebewaing, Mich.	10.16	8.00	0.68	0.50	74.80	58.00	2.87	2.50	11.49	....	....	20.00
Dried Beet Pulp	Continental Sugar Co.	Blissfield, Mich.	9.52	8.00	0.50	0.50	71.12	58.00	2.66	2.50	12.90	....	19 19	20.00
Dried Beet Pulp	The Hottelet Co.	Milwaukee, Wis.	8.23	8.00	0.48	0.50	76.30	60.00	2.56	....	12.43	....	19.10	20.00
Dried Beet Pulp	Michigan Sugar Co.	Bay City, Mich.	9.37	8.00	0.51	0.50	76.66	58.00	2.87	2.50	10.57	....	17 60	20.00
Dried Beet Pulp	Michigan Sugar Co.	Saginaw, Mich.	8.80	8.00	0.96	0.50	71.16	58.00	2.63	2.50	7.81	....	18.97	20.00
Dried Beet Pulp	Owosso Sugar Co.	Owosso, Mich.	10.33	8.00	0.47	0.50	79.98	58.00	2.91	....	6.31	....	18.00	20.00
Dried Beet Pulp	Holland-St. Louis Sugar Co.	Decatur, Ind.	9.63	8.00	0.35	0.50	80.34	58.00	3.50	2.50	6.18	....	....	20.00
BREWERS' AND DISTILLERS' GRAINS.														
Ajax Flakes	Ajax Milling & Feed Co.	Hammond, Ind.	32.23	30.00	10.17	10.00	48.34	30.00	2.39	....	6.87	....	17.82	14.00
Burkhardt's Dried Grains	Burkhardt	Roxbury Sta., Mass.	25.04	25.00	5.71	5.00	59.62	....	2.86	....	6.77	....	18.80	15.00
Bourbon D3 Dewey's Dist. Dried Grains	The Dewey Bros. Co.	Blanchester, Ohio	24.26	24.00	9.16	8.00	57.32	40.00	3.29	....	5.97	....	14.86	14.00
Dewey's Dist. Dried Grains Corn D3	The Dewey Bros. Co.	Blanchester, Ohio	26.27	26.00	10.70	9.00	58.00	30.00	4.12	....	8.11	....	13.57	13.00

Name of Sample.	Manufactured by.	Address.	Protein.		Fat.		Carbo-hydrates.		Ash.		Moisture.		Crude Fibre.	
			Found.	Guaranteed.	Found.	Guaranteed.	Found.	Guaranteed.	Found.	Guaranteed.	Found.	Guaranteed.	Found.	Guaranteed.
BREWERS' GRAINS.—*Continued.*														
Eagle D3 Dewey's Distillers' Dried Grains	The Dewey Bros. Co.	Blanchester, Ohio	30.21	....	13.12	....	47.58	....	1.75	....	7.34	....	9.57	13.00
Bull Brand Dried Brewers' Grains	Farmers' Feed Co.	New York, N. Y.	29.33	27.20	5.70	6.30	55.30	....	3.86	....	5.81	....	14.99	15.20
Fleischmann's Dried Grains, F. M. Co.	The Fleischmann Co.	Peekskill, N. Y.	20.23	20.00	7.91	7.00	62.64	....	2.38	....	6.84	....	17.07	19.00
Brewers' Grains	Haffenreffer & Co.	Boston, Mass.	27.32	20.50	5.61	4.00	58.15	....	3.52	....	5.40	....	13.88	19.00
Hector Distillers' Dried Grains	The Hottelet Co.	Milwaukee, Wis.	32.14	30.00	9.15	10.00	48.76	....	1.61	....	8.34	....	12.66	14.00
Holstein Brewers' Dried Grains	The Hottelet Co.	Milwaukee, Wis.	25.66	25.00	6.72	5.00	56.52	....	3.88	....	7.72	....	14.83	14.00
Fourex Dist. Dried Corn Grains	The Ubico Milling Co.	Cincinnati, Ohio	29.16	31.00	10.88	12.00	45.07	....	3.70	....	11.09	....	12.13	13.00
GLUTEN FEEDS.														
Cream of Corn Gluten Feed	American Maize Products Co.	New York, N. Y.	20.49	24.00	2.91	1.50	66.00	....	3.01	....	7.59	....	8.12	8.00
Clinton Corn Gluten Feed	Clinton Sugar Refining Co.	Clinton, Iowa	24.75	23.00	3.17	3.00	60.85	....	1.67	....	9.56	....	8.34	8.00
Continental Gluten Feed	Continental Cereal Co.	Peoria, Ill.	28.98	29.00	11.85	10.00	50.07	....	4.02	....	5.08	....	6.07	10.00
Buffalo Corn Gluten Feed	Corn Products Refining Co.	New York, N. Y.	25.44	23.00	3.06	1.00	57.72	....	5.44	....	8.34	....	8.15	8.50
Crescent Corn Gluten Feed	Corn Products Refining Co.	New York, N. Y.	28.88	23.00	2.22	1.00	54.86	....	3.41	....	10.63	....	7.83	8.50
Diamond Corn Gluten Meal	Corn Products Refining Co.	New York, N. Y.	42.91	40.00	0.89	1.00	48.95	....	1.40	....	5.85	....	3.75	4.00
Globe Corn Gluten Feed	Corn Products Refining Co.	New York, N. Y.	24.78	23.00	3.10	1.00	58.65	....	3.54	....	9.93	....	8.13	8.50
Douglas Corn Gluten Feed	Douglas Company	Cedar Rapids, Iowa	24.91	23.00	0.90	1.00	58.44	52.00	4.77	....	10.98	....	6.77	8.00
Jenks' Corn Gluten Feed	The Huron Milling Co.	Harbor Beach, Mich.	24.34	22.00	2.95	3.00	63.95	....	2.77	....	6.19	....	9.28	8.00
Staley's Corn Gluten Feed	A. E. Staley Mfg. Co.	Decatur, Ill.	24.43	23.00	2.85	2.50	60.56	....	4.01	....	8.15	....	9.16	12.00
FLAXSEED MEALS.														
Amco Old Process Linseed Meal	American Milling Co.	Peoria, Ill.	31.53	30.00	7.00	5.00	46.21	....	6.06	....	9.20	....	....	10.00
Linseed Oil Meal	American Linseed Co.	Chicago, Ill.	37.65	36.00	3.40	2.00	43.96	....	5.41	....	9.58	....	....	9.00
	American Linseed Co.	Buffalo, Ill.	36.16	34.00	6.06	5.00	43.56	....	5.10	....	9.12	....	....	8.00
Old Process Linseed Oil Meal	The Toledo Seed & Oil Co.	Toledo, Ohio	34.15	30.00	6.52	5.00	44.27	....	5.56	....	9.50	....	8.99	10.00
Old Process Oil Meal	American Linseed Co.	New York, N. Y.	34.06	34.00	6.93	5.00	42.41	....	5.95	....	11.65	....	7.00	8.00
Pure Old Process Oil Meal	Spencer Kellogg & Sons, Inc.	Buffalo, N. Y.	35.99	33.00	6.12	5.00	43.15	....	5.46	....	9.28	....	9.16	10.00
Old Process Ground Oil Cake	Archer Daniels Linseed Co.	Buffalo, N. Y.	32.40	33.00	7.80	6.00	46.82	....	4.14	....	8.84	....	9.38	10.00
MEAT AND BONE FEEDS.														
Ground Meat Scraps AA	The Am. Agri. Chem. Co.	New York, N. Y.	49.74	45.00	11.42	....	....	....	33.87	....	9.94	....	....	....
Protox Pure Ground Meat Scraps AA	The Am. Agri. Chem. Co.	New York, N. Y.	55.69	55.00	13.00	10.00	....	....	25.47	....	6.37	....	....	....
Fish Scraps	American Glue Co.	Boston, Mass.	50.00	50.00	1.32	2.00	....	....	3.75	....	8.22	....	....	....

MEAT AND BONE FEEDS.—*Cont.*															
Beach's Star Brand Meat & Bone Meal	Beach Soap Co.	Lawrence, Mass.	30.29	30.00	8.84	10.00	....	....	47.78	....	8.48	....	....	....
Beach's Star Brand Pure Bone Meal	Beach Soap Co.	Lawrence, Mass.	10.59	10.00	7.69	8.00	....	....	72.39	....	2.40	....	....	....
Beach's Superior Beef Scraps	Beach Soap Co.	Lawrence, Mass.	52.45	50.00	16.75	15.00	....	....	22.40	....	8.74	....	....	....
Beef Scraps	Beach Soap Co.	Lawrence, Mass.	41.70	40.00	13.46	10.00	....	....	18.12	....	9.05	....	....	....
Breck's Dry Ground Fish Meal for Poultry Food	Jos. Breck & Sons Corp.	Boston, Mass.	52.10	45.00	1.56	2.50	....	30.00	31.42	....	10.99	....	....	....
Breck's Ground Beef Scraps	Jos. Breck & Sons Corp.	Boston, Mass.	43.52	43.00	12.34	12.00	....	....	28.72	....	8.72	....	....	....
Burlington Poultry Feed	Burlington Rend. Co.	Burlington, Vt.	37.21	40.00	10.19	8.00	....	....	36.30	....	6.32	....	....	....
Butchers' Poultry Feed	Butchers' Rend. Co.	Fall River, Mass.	47.79	40.00	11.07	10.00	....	....	32.59	....	7.32	....	....	....
Darling's Meat Crisps	Darling & Co.	Chicago, Ill.	76.62	75.00	7.31	5.00	....	....	11.02	....	8.17	....	....	....
Ground Beef Scraps	John C. Dow Co.	Boston, Mass.	47.63	43.00	13.68	12.00	....	....	2.84	....	8.70	....	....	....
Greene's Meat Mash for Poultry	The Greene Chicken Feed Co.	Marblehead, Mass.	12.26	12.00	4.93	3.00	59.16	....	15.66	....	7.79	....	6.90	7.00
Greene's Old Fashioned Meat Scraps for Poultry	The Greene Chicken Feed Co.	Marblehead, Mass.	30.03	35.00	7.37	5.00	....	....	39.08	....	14.79	....	....	....
Greene's Poultry Scraps	The Greene Chicken Feed Co.	Marblehead, Mass.	24.43	40.00	8.77	3.00	....	....	56.33	....	8.54	....	....	....
Meat Scraps	W. D. Higgins	Framingham, Mass.	39.67	40.00	16.02	12.00	....	....	3.19	....	6.32	....	....	....
Bone & Meat Meal	Hinckley Rend. Co.	Somerville, Mass.	38.26	35.00	9.76	8.00	....	....	4.25	....	6.09	....	....	....
Red Star Brand Fish Scraps	International Glue Co.	Boston, Mass.	47.54	45.00	1.25	2.00	....	....	12.62	....	7.62	....	....	....
Peerless Poultry Feed	Lowell Rend. Co.	Lowell, Mass.	49.83	40.00	11.10	8.00	....	....	25.68	....	5.57	....	....	....
Manchester Bone & Meat Meal for Poultry	Manchester Rend. Co.	Manchester, N. H.	35.00	35.00	12.92	8.00	....	....	36.99	....	7.94	....	....	....
Manchester Cracked Bone for Poultry	Manchester Rend. Co.	Manchester, N. H.	25.74	20.00	6.31	5.00	....	....	5.96	....	7.05	....	....	....
Manchester Poultry Feed	Manchester Rend. Co.	Manchester, N. H.	45.80	40.00	10.80	8.00	....	....	32.92	....	11.26	....	....	....
Marsh's Pure Ground Scraps for Poultry	The Geo. E. Marsh Co.	Lynn, Mass.	41.59	40.00	10.38	10.00	....	....	34.50	....	9.13	....	....	....
Blue Ribbon Meat Scraps	The Park & Pollard Co.	Boston, Mass.	45.88	45.00	12.39	13.00	....	....	4.47	....	10.46	....	....	....
Portland Bone Meal	Portland Rend. Co.	Portland, Me.	22.77	20.00	5.73	5.00	....	....	59.78	....	7.46	....	....	....
Portland Cracked Bone for Poultry	Portland Rend. Co.	Portland, Me.	22.77	10.00	4.95	5.00	....	....	59.96	....	5.96	....	....	....
Portland Poultry Feed	Portland Rend. Co.	Portland, Me.	40.19	40.00	10.59	8.00	....	....	37.99	....	5.57	....	....	....
Shay's Beef Scraps	C. M. Shay Co.	Groton, Conn.	42.56	40.00	13.62	10.00	....	....	31.94	....	6.94	....	....	....
Whitman & Pratt's Animal Meal	Whitman & Pratt Rend. Co.	Lowell, Mass.	35.90	33.00	9.57	10.00	....	....	35.50	....	16.31	....	....	....
Whitman & Pratt's Beef Scraps	Whitman & Pratt Rend. Co.	Lowell, Mass.	48.51	45.00	10.22	10.00	....	....	32.72	....	7.73	....	....	....
J. Cushing & Co. Poultry Feed	Worcester Rend. Co.	Auburn, Mass.	43.95	40.00	12.60	8.00	....	....	27.03	....	7.05	....	....	....
Royal Worcester Poultry Feed	Worcester Rend. Co.	Auburn, Mass.	43.17	40.00	11.59	8.00	....	....	31.47	....	6.54	....	....	....
OAT FEEDS.														
Oat Feed	Robin Hood Mills, Ltd.	Moose Jaw, Can., etc.	6.66	5.25	2.89	2.50	76.71	....	5.30	....	8.44	....	26.64	28.00
Purity Reground Oat Hulls	Purity Oats Co.	Davenport, Iowa	9.89	6.73	2.11	2.71	77.88	....	5.92	6.67	4.20	....	28.66	32.26
PROVENDERS.														
Provender	J. C. Richardson	Littleton, N. H.	10.86	....	3.90	....	70.19	....	3.14	....	11.71	....	5.31	....
Provender	Moulton & Clark	Lisbon, N. H.	10.59	....	4.33	....	78.71	....	2.73	....	9.57	....	6.16	....
Stratton & Co.'s Provender	Stratton & Co.	Concord, N. H.	11.03	....	5.31	....	67.89	....	2.94	....	12.83	....	6.94	....

CERTIFIED COMPOSITION OF COMPOUNDED BRANDS.

Name.	Manufactured by.	Address.	Certified to Contain.
MOLASSES FEEDS.			
Sucrene Dairy Feed	American Milling Co.	Peoria, Ill.	Molasses, cottonseed meal, corn, gluten feed, ground and bolted grain screenings, clipped oat by-product, corn, dried grains and salt.
Clover Leaf Dairy Feed	Clover Leaf Milling Co.	Buffalo, N. Y.	Cottonseed meal, corn, gluten feed, mixed broken grains consisting of wheat, corn, barley, flax, speltz taken from grain screenings, cocoa shell meal, clipped by-product, molasses. ½ of 1% salt.
Corno Sweet Feed	The Corno Mills Co.	St. Louis, Mo.	Whole oats, ground alfalfa, cracked corn, cottonseed meal, molasses.
International Special Dairy Feed	International Sugar Feed Co.	Minneapolis, Minn.	Cotton seed meal, molasses, ground clipped oat by-product, salt, ground cleaned grain screenings.
International Special Dan Patch Horse Feed	International Sugar Feed Co.	Minneapolis, Minn.	Oats, barley, cracked corn, ground alfalfa, cane molasses, and salt.
The Park & Pollard Co. Horse Feed	The Park & Pollard Co.	Boston, Mass.	Alfalfa, corn, oats, molasses, salt.
Quaker Dairy Feed with Molasses	The Quaker Oats Co.	Chicago, Ill.	Molasses, malt sprouts, cottonseed meal, ground grain screenings, new process linseed oil meal, oatmeal mill by-product, oat middlings, oat hulls, oat shorts, ½ of 1% salt.
Purina Cow Chow Feed	Ralston Purina Co., Inc.	St. Louis, Mo.	Cottonseed meal, gluten feed, brewers' grain, molasses, ground alfalfa, 1% salt.
Purina Feed with Molasses	Ralston Purina Co., Inc.	St. Louis, Mo.	Cracked corn, oats, ground alfalfa, molasses, 1% salt.
Purina O-Molene Feed	Ralston Purina Co., Inc.	St. Louis, Mo.	Corn, oats, ground alfalfa meal, molasses, 1% salt.
Purina Sweet Feed	Ralston Purina Co., Inc.	St. Louis, Mo.	Ground alfalfa, molasses. 1% salt.
Xtra-Vim Feed	Xtravim Molasses Feed Co.	Boston, Mass.	Pure cane sugar, molasses, sphagnum moss.
POULTRY FEEDS.			
Globe Egg Mash.	The Albert Dickinson Co.	Chicago, Ill.	Wheat bran, wheat middlings, alfalfa meal, corn, bran, corn feed meal, linseed oil cake, meat scraps, ½ of 1% of salt.
Queen Poultry Mash	The Albert Dickinson Co.	Chicago, Ill.	Alfalfa meal, corn feed meal, wheat meal, ground corn, bran, wheat bran, meat scraps, linseed oil cake, ½ of 1% salt.
Blatchford's Milk Mash	Blatchford Calf Meal Factory	Waukegan, Ill.	Blatchford's calf meal, also bone, corn and oat meals wheat middlings beef scrap, fish and powdered limestone.
Bufeeco Poultry Mash	Buffalo Cereal Co.	Buffalo, N. Y.	Ground corn, wheat bran, middlings, hominy feed, corn, gluten feed, oat middlings, rolled oats.
Wirthmore Growing Feed (with scraps)	Chas. M. Cox Co.	Boston, Mass.	Ground wheat, corn, oats, barley, peas, maize, beet pulp, wheat middlings salt, choice fine ground beef scraps.

Wirthmore Poultry Mash (all grain)	Chas. M. Cox Co., Boston, Mass.	Ground oats, ground barley, gluten feed, alfalfa meal, wheat bran, ground corn, wheat middlings, ¾ of 1% salt.
Wirthmore Poultry Mash (fish and scrap)	Chas. M. Cox Co., Boston, Mass.	Ground oats, ground barley, gluten feed, alfalfa meal, wheat ,bran, ground corn, beef scraps, fish, meal, wheat middlings, ¾ of 1% salt.
E. A. Cowen's Climax Poultry Mash	E. A. Cowen Est., Worcester, Mass.	20% fish and beef scraps, gluten meal, cotton-seed meal, oil cake meal, alfalfa meal, corn meal, wheat bran, wheat middlings, ground grain screenings, oat chop, hominy feed.
Laying Mash for More Eggs	John W. Eschelman, Lancaster, Pa.	
Hen-E-Ta	Hen-E-Ta Bone Co., Blairsville, Pa.	Corn meal, corn gluten feed, wheat middlings, wheat bran, old process linseed oil meal, Hen-E-Ta composed of phosphorus, silica, lime and soda. Phosphorus 2% to 6% bone ash.
Hen-O-La, Dry Mash	Hen-E-Ta Bone Co., Newark, N. J.	
Purity H. Poultry Mash	Wm. S. Hills Co., Boston, Mass.	Beef scraps, fish meal, alfalfa meal, corn oil meal, bran middlings, hominy, crushed oats, salt.
Poultry Mash	McQuesten & Lewis, Manchester, N. H.	Wheat and wheat by-products, corn and corn by-products, gluten feed, alfalfa meal, barley meal, oil meal, a small amount of salt.
Growing Feed	The Park & Pollard Co., Boston, Mass.	Ground corn, ground wheat, ground barley, ground oats, meat, bone, alfalfa, kaffir corn, wheat bran, wheat middlings, buckwheat, beet pulp, calcium carbonate, salt.
Lay or Bust Dry Mash	The Park & Pollard Co., Boston, Mass.	Ground commercial wheat bran, commercial wheat middlings, corn, wheat, oats and barley, kaffir corn, buckwheat, alfalfa, fish, meat, bone, beet pulp, calcium carbonate.
American Poultry Feed	The Quaker Oats Co., Chicago, Ill.	Hominy feed, ground barley, cottonseed meal, wheat, mixed feed, rye shorts.
Schumacher Poultry Mash	The Quaker Oats Co., Chicago, Ill.	Meat scraps, oat meal, wheat bran, with ground screenings, alfalfa meal, yellow hominy feed, corn, gluten feed, ground grain screenings.
Purina Chicken Chowder Feed	Ralston Purina Co., Inc., St. Louis & Buffalo.	Wheat middlings, wheat bran, corn meal, alfalfa meal, linseed meal, 1% salt, granulated meal, charcoal.
Stratton & Co.'s Egg Mash	Stratton & Co., Concord, N. H.	Wheat bran, wheat middlings, alfalfa meal, corn bran, corn feed meal, linseed oil cake, meat scraps, ½ of 1% salt.
Stratton's H. Poultry Mash	Stratton & Co., Concord, N. H.	Beef scraps, alfalfa meal, middlings, bran, corn meal, chick cracked corn, crushed oats.
Dry Mash for Poultry	H. K. Webster Co., Lawrence, Mass.	Wheat feed, corn meal, gluten feed, rolled oats, beef scraps, beet pulp, oil meal, hen-e-ta bone.
DAIRY FEEDS.		
Empire State Dairy Feed	American Milling Co., Peoria, Ill.	Corn, distillers' dried grains.
Lactola Dairy Feed	Chapin & Co., Hammond, Ind.	Choice cottonseed meal, corn, distillers' grains, clipped oat by-product, corn gluten feed, corn germ meal, ivory nut meal, brewers' grains, cane molasses, salt.

Name.	Manufactured by.	Address.	Certified to Contain.
Unicorn Dairy Ration	Chapin & Co.	Hammond, Ind.	Corn, distillers' grains, cottonseed meal, linseed meal, hominy meal, gluten feed, corn starch by-products with corn bran, brewers' grains and salt.
Wirthmore Bal. Ration for Milch Cows	Chas. M. Cox Co.	Boston, Mass.	Cottonseed meal, linseed meal, gluten feed, distillers' grains, bran, malt sprouts, hominy or corn meal, ¾ of 1% salt.
Crosby's Ready Ration	E. Crosby & Co.	Brattleboro, Vt.	
H. & S. Horse, Mule & Dairy Feed	Dwight E. Hamlin	Pitsburgh, Pa.	
Larro Feed	The Larrowe Milling Co.	Detroit, Mich.	Cottonseed meal, corn gluten feed, dried distillers' grain, dried beet pulp, standard wheat bran, standard wheat middlings, ¾ of 1% salt. Wheat bran and wheat middlings may contain ground screenings not exceeding mill run.
The H. O. Co.'s Algrane Milk Feed	H. O. Mills	Buffalo, N. Y.	Oat hulls, wheat middlings, cottonseed meal, oat shorts, corn gluten feed, ground corn, ground oats, ground grain screenings, molasses, ½ of 1% salt.
Stevens 44 Dairy Ration	Oswego Mill Co., (By) The Park & Pollard Co., Boston, Mass.		Oil meal, hominy meal, cottonseed meal, buckwheat middlings, winter wheat, bran, gluten feed, corn meal, brewers' grains, cocoanut oil meal, pea meal, corn germ meal, distillers' grains, ground barley, wheat middlings, salt.
Protena Dairy Feed	Ralston Purina Co., Inc.	St. Louis & Buffalo.	
R-E-A-L a bal. Ration for Dairy Cows	F. B. Spaulding Co.	Lancaster, N. H.	Standard wheat bran, corn meal gluten and cottonseed meal, linseed oil meal, distillers' grains.
Union Grains (Ubico) Ready Dairy Ration	The Ubico Milling Co.	Cincinnati, Ohio.	Fourex corn, distillers' grains, cottonseed meal, old process linseed meal, white wheat middlings, winter wheat bran, hominy meal, brewers' grains, barley, malt sprouts, 1% salt.
MISCELLANEOUS COMPOUNDED FEEDS.			
Portage Stock Feed	The Akron Feed & Milling Co.	Akron, Ohio.	Either white or yellow shelled corn, barley, oat shorts, oat hulls, oat middlings, ½ of 1% salt.
Pennant Stock Feed	E. W. Bailey & Co.	**Swanton, Vt.**	Fine white hominy and oat by-products.
Bufceco Stock Feed	Buffalo Cereal Co.	Buffalo, N. Y.	Ground corn, oats and barley, wheat middlings, corn gluten feed, hominy feed, oat shorts, oat middlings, oat hulls, ½ of 1% salt.
Bufceco Horse Feed	Buffalo Cereal Co.	Buffalo, N. Y.	Ground oats, ground corn, ground barley, wheat middlings, hominy feed, oat shorts, oat middlings, oat hulls, linseed meal, corn gluten feed.
Corno Stock Feed	Corno Mills Co.	St. Louis, Mo.	Mixture of oat feed and hominy feed.

Charlestock Feed	Chas. M. Cox Co., Boston, Mass.	Oat feed, oat meal, mill by-products, oat shorts, oat middlings, oat hulls, hominy or corn meal, ½ of 1% salt.
Wirthmore Stock Feed	Chas. M. Cox Co., Boston, Mass.	Ground barley, ground oats, ground corn, hominy meal, oat meal mill by-products, oat middlings, oat shorts, oat hulls, ½ of 1% salt.
Crosby's Stock Feed	E. Crosby & Co., Brattleboro, Vt.	Ground barley, ground hominy feed, ground oats, oat feed.
Quality Stock Feed	J. Cushing & Co., Fitchburg, Vt.	Ground oats, corn meal, hominy feed, oat shorts, oat hulls and salt.
Stock Feed	John W. Eschelman, Lancaster, Pa.	Oat middlings, rye middlings, cottonseed meal, wheat middlings, corn meal, ground grain screenings, oat hulls, hominy feed.
Grandin's Stock Food	D. H. Grandin Milling Co., Jamestown, N. Y.	Hominy feed, oat meal mill by-products, oat middlings, oat hulls, oat shorts, salt.
Haskell's Stock Feed	W. H. Haskell & Co., Toledo, Ohio.	Ground corn, ground oats, hominy feed, oat hulls, oat shorts, and salt.
Holstein Feed	Indiana Milling Co., Terre Haute, Ind.	Wheat bran with ground screenings not exceed mill run, cob meal.
Sterling Feed	Indiana Milling Co., Terre Haute, Ind.	Wheat bran with ground screenings not exceed mill run, ground corn and cob.
The H. O. Co.'s New England Stock Feed	H. O. Mills, Buffalo, N. Y.	Wheat middlings, ground corn, hominy feed, oat hulls, oat shorts, ground oats, molasses, ½ of 1% salt.
The Park & Pollard Co. Stock Feed	The Park & Pollard Co., Boston, Mass.	Ground corn, hominy feed, oat feed.
Schumacher Stock Feed	The Quaker Oats Co., Chicago, Ill.	Ground corn and barley, hominy feed, wheat, flour, cottonseed meal, ground puffed rice, and wheat. Wheat middlings with ground screenings, not exceeding mill run. Oat meal mill by-product, oat middlings, oat hulls, oat shorts, ½ of 1% salt.
Victor Feed	The Quaker Oats Co., Chicago, Ill.	Ground corn, hominy feed, oat meal mill by-product, oat middlings, oat hulls, oat shorts, ½ of 1% salt.
White Diamond Feed	The Quaker Oats Co., Chicago, Ill.	Ground corn, hominy feed, oat meal mill by-product, oat middlings, oat hulls, oat shorts, ½ of 1% salt.
Blue Grass Valley Feed	Q. Waller & Co., Henderson, Ky.	Winter wheat bran, winter wheat middlings, ground corn and cob.

Name.	Manufactured by.	Address.	Certified to Contain.
ALFALFA AND CLOVER MEALS.			
Banner Brand Cut Clover	Jos. Breck & Sons	Boston, Mass.	Red clover hay.
Alfalfa Meal	The Denver Alfalfa & Milling Products Co.,	Denver, Col.	Alfalfa hay.
Alfalfa Meal	The Albert Dickinson Co	Chicago, Ill.	Made from alfalfa hay.
Pure Alfalfa Meal	National Feed Co	St. Louis, Mo.	Ground alfalfa hay.
Alfalfa	The Park & Pollard Co	Boston, Mass.	
Red Star Brand Alfalfa Meal	Somers & Co	240 Cal. St., San Francisco, Cal.	Pure ground alfalfa hay.
Otto Weiss Alfalfa Meal	Otto Weiss Alfalfa Stock Food Co	Witchita, Kas.	Ground alfalfa hay.
CALF MEALS.			
Blatchford's Calf Meal	Blatchford Calf Meal Factory	Waukegan, Ill.	Locust bean meal, unpressed flaxseed, wheat, flour, barley meal, ground beans and peas, rice, Polish old process oil meal, cocoa shell meal, cocoanut meal, recleaned cottonseed meal, Fenugreek, dried milk, anise and salt.
Schumacher Calf Meal	The Quaker Oats Co	Chicago, Ill.	Oat meal, wheat meal, ground flaxseed, dried casein, cottonseed meal, ½ of 1% bicarbonate of soda.
Ryde's Cream Calf Meal	Ryde & Co	Chicago, Ill.	Carob, beans, flaxseed, wheat flour, cottonseed meal, beans and lentels, Fenugreek, anise, cocoa meal, trace of salt, blood meal.